SOUMYADEEP MUKHERJEE

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🌐 My Potfolio Website

Professional Summary

Proactive AI/ML undergraduate with hands-on experience developing predictive models and AI agents using Python and TensorFlow. A proven leader as a Google Developer Groups (GDG) Organizer, skilled at bridging technical execution with large-scale event management.

Education

Maulana Abul Kalam University of Technology   West Bengal, India
B.Sc. in Information Technology (A.I.) with a Minor in Business Administration   *Expected Aug 2027*

- **CGPA:** 8.4 / 10.0
- **Relevant Coursework:** AI Algorithms, Machine Learning, Natural Language Processing, Data Structures & Algorithms, Linear Algebra, Probability & Statistics.

Technical Skills

Languages: Python, C, SQL
ML/DL Libraries: PyTorch, TensorFlow, Scikit-learn
Data Science Libraries: Pandas, NumPy, Matplotlib, Seaborn
Developer Tools: Git, Jupyter Notebooks, Linux, LaTeX, Streamlit, Firebase
ML Concepts: Supervised & Unsupervised Learning, Regression, Classification, Model Evaluation

Projects

AI-Powered House Price Predictor   GitHub — **Live Demo**

- Engineered and optimized city-specific Random Forest Regressor models to predict real estate prices with high accuracy.
- Architected a robust data pipeline for cleaning and outlier removal; performed hyperparameter tuning using RandomizedSearchCV.
- Deployed the model as an interactive web application using Streamlit.

JobEazy - AI-Powered Job Finder   **Live Demo**

- Architected an AI-powered feature using the Gemini API to deliver intelligent, real-time job recommendations based on user skills.
- Deployed the application on Firebase Hosting, ensuring a scalable and seamless user experience for job seekers.

Certifications

- **Oracle Certified AI OCI Foundations Associate** – Oracle   **Certification Link**
- **API Student Expert** – Postman   **Certification Link**

Hackathon Experience

MAKATHON   *Makaut-in house / Offline*
Participant   *2023*

- Developed a key feature for 'Smartprep,' an Edtech prototype designed to bridge learning gaps for financially weaker sections and rural areas.

Community Leadership Experience

Google Developer Groups on Campus (GDGoC)   **MAKAUT, W.B**
Organizer   *Aug 2025 – Present*

- Leading a team to organize a semester-long series of technical workshops and a flagship hackathon for 300+ expected participants.

Management Co-Lead   *Oct 2024 – Aug 2025*

- Co-organized a 1-day Python workshop (200+ attendees) and a 2-day AI/ML workshop with hands-on labs.
- Partnered with the university's cultural club to host a cross-department coding competition on HackerRank.

Ajantrik Cultural Club   **MAKAUT, W.B**
Core Member   *Aug 2024 – Sep 2025*

- Played a key role in organizing a high-impact cultural event in collaboration with SBI Bank, drawing 300+ attendees.